

CHAU, Y.N.

New machines for harvesting potatoes. Trakt. i sel'khozmasb. no.7:
40-41 J1 '59. (MIRA 12:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sel'skokhozyayst-
vennogo mashinostroyeniya.

(Potato digger (Machine))

CHAUS, V.M.

New methods for digging potatoes. Biul.tekh.-ekon.inform.Gos.-
nauch.-issl.inst.nauch.i tekhn.inform. 16 no.7:56-59 '63.
(MIRA 16:8)

(Potato digger (Machine))

PETROV, G.D., kand. tekhn. nauk; CHAUS, V.M., kand. sel'skokhoz. nauk

Development of the mechanisation of potato harvesting abroad.
Mekh. i elek. sots. sel'khoz. 21 no.1:57-60 '63.

(MIRA 16:7)

(Potatoes--Harvesting)

CHAUS, V.M., inzh.

In the State Committee for the Tractor and Agricultural Machinery
Industry attached to the State Planning Committee of the U.S.S.R.
Trakt. i sel'khoz mash. no.2:48, 3 of cover F '64. (MIRA 17:3)

CHAUS, V.M.; GREBENKIN, V.K.

Harvesting machine for fodder beets. Biul. tekhn.-ekon.
inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 17
no.3:62-64 '64. (MIRA 17:9)

CHAUS, V.M.

In the State Committee for the Motortruck, Tractor, and Agricultural Machinery Industry attached to the State Planning Committee of the U.S.S.R. Trakt. i sel'khoz mash. no.8:47-48,
3 of cover Ag '64. (MIRA 17:11)

1. Uchenyy sekretar' seksii sel'skokhozyaystvennykh mashin Gosudarstvennogo komiteta avtotraktornogo i sel'skokhozyaystvennogo mashinostroyeniya pri Gosplane SSSR.

CHAUS, V.M.

At the Technical Council of the State Committee for the Tractor
and Agricultural Machinery Industry, Trakt. i sel'khoz mash. no. 4:
3 of cover Ap '65. (MIRA 18:5)

CHAUS, V.M.

Attachment to the E-675 combine for carrot harvesting. Trakt.
i sel'khozmas. no.5:45-46 My '65. (MIRA 18:6)

CHAUS. Ya.T.

Alfalfa in Ponornitsa District of Chernigov Province. Zemledelie
7 no.1:74-77 Ja '59. (MIRA 12:1)

1. Glavnyy agronom rayonnoy inspeksii po sel'skomu khosyay-
stvu.

(Ponornitsa District--Alfalfa)

NIKOLAYEVSKAYA, N., kand. arkhittektury; CHAUS, Ye., kand. arkhittektury

Problems of landscaping during the reconstruction of residential
areas. Zhil. stroi. no.9:1-5 '64.

(MIRA 17:12)

Chaushesku, D.

RUMANIA/General Problems

E-1

Abs Jour : Ref Zhur - Khimiya, No 3, 1958, No 7522

Author : Chaushesku D.

Inst : Not Given

Title : The Conductometric Study of Oxidation-Reduction Reaction
Between Sodium Thiosulfate and Iodine. (II)

Orig Pub : Studii si cercetari stiint. Acad. RPR. Baza Timisoara.
Ser. stiinte chim., 1956, 3, No 1-2, 93-96

Abstract : In the conductometric study of the reaction $2S_2O_3^{2-} + I_2^- - 2I_3^- + S_4O_6^{2-}$ the first break of the titration curve was found to have a steeper rise of electroconductivity than the second one. This change of the curve the author explains by the possibility of dissociation of the less active I^- anions with the formation of the more active I^- anions. [Glc]

Because of the insufficiently sharp break of the curve the author does not recommend use of the described conductometric method for the purpose of quantitative analysis. Communication I, see Ref. Zhur-Khim., 1958, 7625

Card : 1/1

CHAUSHEV, MIKH

A New Inductive Heater for Flowing Water. Elektroenergiya (Electric Power),
#11:10:Nov 55

TODOROV, Naiden, inzh.; CHAUSHEV, Stoicho, inzh.; PANDEV, Lazar, inzh.; TOTEV, Totiu, tekhn.

Possibilities of reconstructing installations for hardboard production in the Georgi Dimitrov Mill, Velingrad, with a view of increasing its output by 25%. Durvomebel prom 7 no.5:3-9 S-0 '64.

CHAUSHEV, T.; VELEV, N.; KOLEV, L.

Tuberculum mulgentium as an occupational disease. Suvrem. med.,
Sofia 7 no.4:117-121 1956.

1. Iz Okruzhnitsa kozhno-venerologichen dispanser--Stara Zagora
(Gl. lekar: T. Chaushev)
(VIRUS DISEASES,
milker's nodes (Bul))

CH AUSHEVA, E.

The date is fixed at the weaving enterprises of the Kolenko State Industrial Association for the exchange of experiences in the introduction of the initiative of M. Levchenko and G. Mukhanov, Soviet Stakhanovites. Leka promisl 2 no.1:22-24 '53.

TSOCHEV, Minko; CHAUSHEVA, Elka; SPIROV, Blagoi; KEVORKIAN, Agop, inzh.;
RASHEEV, Velcho, inzh.

Studies on the setting up of correlation between separate
branches of textile industries up to 1890. Tekstilna prom 11
no.6:22 '62.

CHAUSHEVA, Elka, nauchen sutrudnik; SARUIVANOV, Apostol, nauchen
sutrudnik

Requirements of the wool industry for various types of
wool in the period 1965-1980. Trud Inst tekstil prom 4:
171-190 '63.

TSOCHEV, Minko; CHAUSHEVA, Elka; SPIROV, Blagoi; KEVORKIAN, Agop,
inzh.; RASHÉEV, Velcho, inzh.

Studies for determining correlation in the development of
basic branches in textile industry. Trud Inst tekstil prom
4:191-205 '63.

TROPICHEVA, Iia, inzh.; CHAUSHEVA, Elka; GELEV, B.; NACHEVA, S.

Modern organization of the production of men's woolen clothes.
Tekstilna prom 12 no. 6:4-8 '63.

1. Nauchni sutrudnitsi pri Nauchnoizsledovatel'skii institut po tekstilna promishlenost, Sofia.

L 36481-65

ACCESSION NR: AP5010565

UR/0204/64/004/005/0798/0803

AUTHOR: Shopov, D.; Dyankov, St.; Kotsev, N.; Chausheva, L.; Palazov, At.

TITLE: Investigation of aromatic hydrocarbons of Pleven Petroleum

SOURCE: Neftekhimiya, v. 4, no. 5, 1964, 798-803

TOPIC TAGS: aromatic hydrocarbon, gasoline, petroleum, chromatographic analysis, IR spectroscopy

Abstract: The aromatic hydrocarbons of gasoline isolated from petroleum in the region of Dolni-Dybnik, Plevenskaya Oblast, were investigated by chromatography and infrared spectroscopy. The aromatic portion of the gasoline fraction of this petroleum contained 34 hydrocarbons; 31 were identified by infrared absorption spectra. The structural type was established for the other hydrocarbons. Orig. art. has 5 graphs and 2 tables.

ASSOCIATION: Institut organicheskoy khimii Bolgarskoy Akademii nauk (Institute of Organic Chemistry, Bulgarian Academy of Sciences)

SUBMITTED: 24Feb64

ENCL: 00

SUB CODE: FP, OP

NO REF SOV: 003

OTHER: 009

JPRS

Card 1/1

CHAUSOV, A., inzh.

Shellless coupling of planters. Zemel'delie 27 no.8:86 Ag '65.
(MIRA 18:11)

^o
CHAUSHV, D.

**Thrombophlebitic splenomegaly; thrombosis of the lienal vein.
Khirurgia, Sofia 7 no.8:502-506 1954.**

(THROMBOSIS,

splenic vein, causing splenomegaly)

(VEINS, PORTAL SYSTEM, diseases,

thrombosis of splenic vein causing splenomegaly)

(SPLENOMEGALY, etiology and pathogenesis,

thrombosis of splenic vein)

CHAUSHOV, D.: CHIRUPKOV, T.

Personal experiences in the treatment of fissura ani. Khirurgia, Sofia
10 no.4:344-348 1957.

1. Obshchearmeiska bolnitsa - Sofia.
(ANUS, dis.
fissure, management (Bul))

CHAUSOV, N.N.

**Telescopic stock metal form for ordinary straight arches. Rats. i izobr.
predl. v stroi. no.91:14-15 '54. (MIRA 8:8)**

**1. Khar'kovskiy filial Tsentral'nogo byuro tekhnicheskoy pomoshchi
stroitel'stvu Ministerstva stroitel'stva. (Arches)**

CHAUSOV, N. S.

"Application of Professor V. Z. Vlasov's Theory for Calculation of Elliptic and Spherical Domes." Thesis for degree of Cand. Technical Sci. Sub 17 May 49, Central Sci Res Inst of Industrial Structures.

Summary 82, 18 Dec 52, Dissertations Presented for Degrees in Science and Engineering in Moscow in 1949. From Vechernyaya Moskva, Jan-Dec 1949.

SOV/112-57-6-12105

Translation from: Referativnyy zhurnal. Elektrotehnika, 1957, Nr 6, p 55 (USSR)

AUTHOR: Chaurov, N. S.

TITLE: Determination of Temperature Deformations of the Dam Road Deck
(Opredeleniye temperaturnykh deformatsiy plity proyezhshey
chasti plotiny)

PERIODICAL: V sb.: Issledovaniya po vopr. stroit. mekhan. i teorii plastichnosti.
M., 1956, pp 279-327

ABSTRACT: Bibliographic entry.

Card 1/1

CHAUSOV, Nikita Semenovich, kand.tekhn.nauk; Primalni uchastiye:
GVOZDIKOV, B.F., inzh.-elektrik; KULAKOV, B.F., inzh.-elektrik;
SBORSHCHIKOV, S.G., inzh.-elektrik; PUKHLYANKO, A.A., inzh.-elektrik;
KORNEYEVA, V.P., tekhn.-elektrik; AYNBERG, V.D., programmist; MEL'NIKOVA,
M.G., programmist; KOZLOVA, R.Ya., programmist; ARKHIPOVA, A.A., programmist
VILKOV, G.N., red.isd-va; MOCHALINA, Z.S., tekhn.red.

[Using electronic computers in calculating engineering constructions
(programming the calculation of shallow shells and beams for the electronic
digital computer "Ural-1")] Primenenie elektronnykh vychislitel'nykh
mashin pri raschete inzhenernykh sooruzhenii (programirovanie rascheta
pologikh obolochek i sterzhnei dlia ETsVM "Ural-1"). Moskva, Gos.isd-vo
lit-ry po stroit., arkhitekt. i stroit. materialam, 1962. 135 p. (Akademiia
stroitel'stva i arkhitektury SSSR. Institut stroitel'nykh konstrukttsii.
Trudy, no.9). (MIRA 15:8)
(Electronic digital computers) (Elastic plates and shells)
(Beams and girders)

ALEKSEYEV, V.A. (Rostov); CHAUSOV, V.I. (Rostov)

Histopography of ascorbic acid in adrenal glands and the reaction of their chromaffin tissue in rats with different endocrine disorders. Probl. endok. i gorm. 9 no.3:46-50 My-Je '63. (MIRA 17:1)

1. Is eksperimental'nogo otdela (sav. - prof. M.A. Ukolova) Rostovskogo gosudarstvennogo nauchno-issledovatel'skogo instituta rentgenologii, radiologii, i onkologii (dir. P.N. Sneritev).

CHAUSOV, V.I.

Methodology of determining the viability of *Hymenolepis nana*
eggs. Med. paraz. i paraz. bol. 33 no.1:104-105 Ja-F '64
(MIRA 18:1)

CHAUSOV, V.I.; GONCHAROVA, V.K. (Rostov-na-Donu)

Histogenesis of experimental tumors in the ovaries of rats.
Arkhn. pat. 26 no.8:56-62 '64 (MIRA 18:2)

1. Eksperimental'nyy otdel (zav. - prof. M. I. Ukolova) Rostovskogo nauchno-issledovatel'skogo instituta rentgenologii, radiologii i onkologii (dir. - kand. med. nauk A.K. Pankov) Ministerstva zdravookhraneniya RSFSR.

CHAUSOV, V.I.

Structure of the egg of a dwarf tapeworm. Med. paraz. 1 paraz.
bol. 33 no.6:745-746 N-D '64. (MIRA 18:6)

BORDYUSHKOV, Yu.N.; CHAUSOV, V.I.; GONCHAROVA, V.K. (Rostov-na-Donu)

Study of the structure of the anterior lobe of the hypophysis in rats in the process of transformation of an intrasplenic transplant of the ovary to a tumor. Arkh. pat. 27 no.11:62-65 '65. (MIRA 18:12)

1. Eksperimental'nyy otdel (zav. - prof. M.A.Ukolova) Rostovskogo-na-Donu nauchno-issledovatel'skogo instituta rentgenologii-radiologii i onkologii Ministerstva zdoravookhraneniya RSFSR. Nauchnyy konsul'tant zav. kafedroy gistologii Rostovskogo-na-Donu meditsinskogo instituta prof. K.A.Lavrov [deceased]. Submitted March 2, 1964.

ACCESSION NR: AT4031063

S/2535/63/000/154/0034/0047

AUTHOR: Lebedeva, N. K. (Engineer); Chausova, M. S. (Engineer)

TITLE: On the question of determining the work capacity of manufacturing new articles in aircraft instrument engineering

SOURCE: Moscow. Aviatsonnyy institut. Trudy*, no. 154, 1963. Ekonomicheskaya effektivnost' aviatsionnoy tekhniki (economic efficiency in aeronautical engineering), 34-47

TOPIC TAGS: work capacity, instrument, net cost

ABSTRACT: The authors investigated the effect of certain factors on the work capacity of manufacturing certain articles and the establishment of work norm capacities for the manufacture of instrument products. Formulas were derived and the results presented in graphs and tables. The work was separated into products made from rods, metallic sheet and strips, cast products, products of hot stamping, products of nonmetallic sheets, products pressed from powder, and products made from cold stamping. The authors concluded that in determining the work norm capacity, according to the regression equations presented, the products must first be broken down into a desirable number of weight groups. For each group, the mean work norm

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ACCESSION NR: AT4031063

capacity was found by substituting the weight of the average product for the group. To determine the work capacity, each of the norms was multiplied by the number of products of the corresponding group. Orig. art. has: 6 tables and 3 figures.

ASSOCIATION: Moscow Aviatzionnyy institut (Moscow Institute of Aviation)

SUBMITTED: 00

DATE ACQ: 16Apr64

ENCL: 00

SUB CODE: AD

NO REF SOV: 001

OTHER: 000

Card 2/2

CHAUSOVSKA, M. M.

CHAUSOVSKA, M. M. - "Isolation of Tuberculosis Bacteria." Sub 29 Aug 52,
First Moscow Order of Lenin Medical Inst. (Dissertation for the Degree
of Candidate in Medical Sciences).

SO: Vechernaya Moskva January-December 1952

CHAIKOVSKAYA, M.M., kand.med.nauk

Renal excretion of Mycobacterium tuberculosis; clinical-experimental research. Urologiia no.6:9-14 '62. (MIRA 16:7)

1. Iz kafedry tuberkuleza (zav. - prof. A.Ye.Rabukhin) Tsentral'nogo instituta usovershenstvovaniya vrachev.
(TUBERCULOSIS) (URINE--MYCOBACTERIUM)

CHAUSOVSKAYA, M.M.

Tuberculous bacilluria. Akt. vop. tub. no.2:54-59 '63.
(MIRA 17:9)

LEVITIN, F.I.; GOL'DSHEYN, V.D.; KUDISH, E.A.; PROKHOROV, Ye.P.; FRADKIN, V.A.;
CHAUSOVSKAYA, M.M.

Technic and evaluation of the results of tuberculin tests. Probl.
tub. no.7:9-16 '63. (MIRA 18:1)

1. Iz kafedry tuberkuleza (zav. - zasluzhennyy deyatel' nauki prof.
A.Ye. Rabukhin) Tsentral'nogo instituta usovershenstvovaniya vrachey.

CHAUSOVSKIY, A. A.

Dairying - accounting

Practice of "Pobeda" Collective Farm in paying milkmaids in accordance with the
butterfat content in milk Sots zhiv. 14 No. 3, 1952

9. Monthly List of Russian Accessions, Library of Congress, June 1952, 2 Uncl.

1. CHAUSOVSKIY, A. A.
2. USSR (600)
4. Sheep Breeding
7. Artificial insemination of ewes with mixed semen from two rams. Sots. zhiv. 14 no. 11, 1952.

9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

1. CHAUSOVSKIY, A. A.
2. USSR (600)
4. Stock and Stockbreeding-Gulyay Pole District
7. Increase in labor productivity on collective farms of the Gulyay Pole District.
Sots. shiv. 14 No. 11, 1952

9. Monthly Lists of Russian Accessions, Library of Congress, March 1953, Unclassified.

CHAUSOVSKIY, A.A., zaslushennyy zootekhnik USSR.

Keeping hens on deep litter on collective farms of Gulyay-Pole
District. Ptitsevodstvo 8 no. 7:15-18 J1 '58. (MIRA 11:8)

1. Glavnyy zootekhnik sel'khozinspeksii pri Gulyay-Pol'skom
rayispolkome.

(Gulyay-Pole District--Poultry)

7 CHAUSOVSKIY, S.S.

KHACHATUROV, V.M., kapitan meditsinskoy sluzhby; CHAUSOVSKIY, S.S., kapitan
meditsinskoy sluzhby

Reclamation of bandage material. Voen.-med.shur. no.9:85-86 S '56.
(BANDAGES AND BANDAGING) (MLRA 10:3)

CHAUSOVSKIY, S.S., kand.med.nauk

Pharmaceutical sterilizer with signal apparatus. Voen.-med.zhur.
no.10:90-91 0 '58. (MIRA 12:12)

(PHARMACY, appar. & instruments

pharmaceutical sterilizer with signal appar.
(Rus))

(ANTISEPSIS AND ASEPSIS,
same)

CHAUSOVSKIY, S.S.

Drugstore sterilizer with a signaling system. Apt.delo 8
no.1:52-55 Ja-P '59. (MIRA 12:2)
(STERILIZATION--EQUIPMENT AND SUPPLIES)

CHADCHINSKIY, S.S.

Some observations on the manufacture of injection solutions.
Apt. delo 13 no.1:64-66 Ja-3 '64. (MIRA 17:4)

1. Respublikanskaya kontrol'no-analiticheskaya laboratoriya,
Vil'nyus.

CHAUSZEVA, Elka, nauch, sutr.; RASHEEV, Velko, inh., nauch., sutr.

Creation of a mill specialized in primary processing of wool.
Tekstilna prom 12 no.5: 2-3 '63.

1. Nauchnoissledovatel'ski institut po tekstilna promishlenost.

L 25295-65 EWT(m)/EPF(c)/EPF(n)-2/EWA(d)/T/EWP(t)/EWP(k)/EWP(b) Pf-4/
Pr-4/Pu-4 IJP(c) JD/HW/JG/DJ

ACCESSION NR: AP5003509

S/0182/65/000/001/0025/0026

AUTHOR: Kazachenok, V. I.; Chauzov, A. S.

TITLE: Hydrodynamic friction in deep drawing of hard-to-form metals and alloys

SOURCE: K. chno-shtampovochnoye proizvodstvo, no. 1, 1965, 25-26

TOPIC TAGS: deep drawing, metal deep drawing, alloy deep drawing, refractory metal, deep drawing, frictionless deep drawing

ABSTRACT: A method of deep drawing hard-to-form metals, such as tantalum, titanium, niobium, and their alloys, has been suggested. The female die is filled with a lubricant to form a continuous film which prevents direct contact between the drawn blank and the die during deep drawing. When machine oil is used as the lubricant, the gap between the male and female dies should be 10—20% greater than the thickness of the drawn metal. The method was successfully tested in forming brass-, nickel-, and tantalum-alloy parts. Orig. art. has: 4 figures. [ND]

ASSOCIATION: none

Card 1/2

L 25295-65

ACCESSION NR: AP5003509

SUBMITTED: 00

ENCL: 00

SUB CODE: MM

NO REF SOV: 003

OTHER: 000

ATD PRESS: 3184

Card 2/2

21011

S/058/61/000/005/019/050
A001/A101

24.6600

AUTHOR:

Chavadov, E.

TITLE:

Scattering of high-energy electrons from nuclei

PERIODICAL:

Referativnyy zhurnal. Fizika, no 5, 1961, 99, abstract 5B430 ("Uch. zap. Azerb. un-t. Fiz.-matem. i khim. ser.", 1959, no 4, 45-55, Azerb., Russian summary)

TEXT:

Elastic scattering of 125-Mev electrons from Au^{179} nucleus is investigated in the first Born approximation with allowance for the form-factor of the nucleus charge. The function of distribution of proton density in the nucleus is assumed in the form: X

$$\rho(r) = \begin{cases} \rho_0 = \text{const for } r \leq R_0 \\ \rho_0 \exp \left\{ -\frac{r - R_0}{a} \right\} \text{ for } r > R_0; \end{cases}$$

where parameters $R_0 = 0.984 \times 10^{-13} A^{1/3} \text{cm}$ and $a = 0.2 R_0$ are determined from the condition of coupling energy saturation; moreover, nucleon densities in medium and

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21011

Scattering of high-energy electrons from nuclei

S/058/61/000/005/019/050
A001/A101

heavy nuclei should have correct values (RZhFiz, 1957, no 3, 5908; no 5, 11123). The calculated differential cross section of scattering was compared with experimental data for Au¹⁷⁹ nuclei; it is shown that there is a qualitative agreement with experiments. The same investigation was also carried out for the function of proton density of the following form:

$$\rho(r) = \begin{cases} \rho_0 = \text{const for } r \leq R_0 \\ \rho_0 [1 - (r - R_0/a)] \exp \{ - (r - R_0/a) \} \text{ for } r > R_0. \end{cases}$$

B. Kerimov

[Abstracter's note: Complete translation.]

Card 2/2

CHVALOVSKY, V.; BAZA R, V.

Silicon organic compounds. XXI. Splitting silicon-phenyl compounds
by sulfuric acid. Coll Cs chem 26 jo.; Ja '61.
(EEAI 10:9)

1. Institut für theoretische Grundlagen der chemischen Technik,
Tschechoslowakische Akademie der Wissenschaften, Prag.

(Silicon) (Sulfuric acid) (Phenyl group)
(Organic compounds)

S/004/62/000/006/002/002
D222/D309

AUTHOR: Chavchandize, V., Director of the Institute (see Association)

TITLE: Living models or models of the living

PERIODICAL: Znaniye - sila, no. 6, 1962, 19

TEXT: The philosophical and epistemological impact of cybernetics is briefly discussed with special reference to the use of models. Cybernetics will be able to answer questions not only about the similarities between living systems and 'thinking machines', but more fundamentally, about the way in which life itself is 'put together' from more elementary interactions. Instead of the simple analogies between humans and machines the central idea now is the existence of a definite mechanism in the brain which ensures a parallelism (or rather homorphism) between the laws of the material world and the laws of the universal system which perceives this world, i.e. the human brain. Before adequate models of the brain could be built it is first necessary to formulate an accurate description of the structure and mechanism underlying its universal abilities. This 'cyber-
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Living models or models of the living

S/004/62/000/006/002/002
D222/D309

netical mechanism' of the brain will serve as a general theory from which all other feedback systems will be derived as specific cases. The construction of such mathematical theory is the primary problem. In this light questions concerning the 'feelings' or creative activities of machines, and the 'relationships' between humans and machines become secondary. In this way we shall be able to understand the meaning of life and will be able to construct 'living' models. ✓

ASSOCIATION: Institut kibernetiki, Akademii nauk Gruzinskoy SSR
(Institut of Cybernetics of the Academy of Sciences,
Gruzinskaya SSR)

Card 2/2

CHAVCHANIDZE, D. G.

.. USSR/Chemical Technology. Chemical Products and Their I-14
Application--Treatment of natural gases and
petroleum. Motor fuels. Lubricants.

Abs Jour: Ref Zhur-Khimiya, No 3, 1957, 9275

Author : Melikadze, L. D., Usharauli, E. A., and Chavchan-
idze, D. G.

Inst : Georgian Academy of Science

Title : On the Presence of Oil of High-Molecular Compounds
Capable of Producing Crystalline Structures

Orig Pub: Soobshch. AN GruzSSR, 1956, Vol 17, No 4, 317-
320 (in Russian)

Abstract: The influence of thermal and catalytic treatment
as well as of selective solvents on the separation
of high-molecular compounds from petroleum crudes.
It has been established that the separation of
luminescent crystalline components from the high-
molecular aromatic fraction is genetically related
to the constitution of the crude and that these

Card 1/2

USSR/ Chemical Technology. Chemical Products and Their I-14
Application--Treatment of natural gases and
petroleum. Motor fuels. Lubricants.

Abs Jour: Ref Zhur-Khimiya, No 3, 1957, 9275

Abstract: crystalline components are not formed during the separation carried out by the method developed by the authors. The separation method consists in the treatment of a broad cut of oils obtained during the vacuum distillation of the crude with aniline; this results in the extraction of the aromatic hydrocarbons present in the cut. The aniline is removed by distillation, residual aniline being removed by treatment with HCl. The mixture of aromatic hydrocarbons obtained by this method is vacuum distilled into narrow fractions which are then subjected to chromatographic separation.

Card 2/2

MELIKADZE, L.D.; USHARAULI, N.A.; CHAVCHANIDZE, D.G.

Photochemical stability of the luminescence of high molecular
weight petroleum fractions. Trudy Inst.khim. AN Gruz.SSR 14:
165-176 '58. (MIRA 13:4)
(Luminescence) (Petroleum products)

MELIKADZE, L.D.; ELIAVA, T.A.; USHARAULI, E.A.; CHAVCHANIDZE, D.G.

High molecular weight aromatic petroleum hydrocarbons. Trudy Inst.
khim.AN Azerb.SSR 17:146-153 '59. (MIRA 13:4)

1. Institut khimii AN GruzSSR.
(Petroleum-Analysis) (Hydrocarbons)

CHAVCHANIDZE, I.I.

Study of the labor supply in surveying the economic geography of
collective farms in Ryazan Province. Vop.geog. no.49:78-94 '60.
(MIRA 13:8)

(Ryazan Province--Agriculture--Economic aspects)

LAGIDZE, R.M.; CHAVCHANIDZE, D.G.

Alkylation of benzene and some of its homologs with 3,6-diethyl-4-octyne-3,6-diol in the presence of aluminum chloride. Soob. AN GruzSSR 37 no.2:311-316 F '65.

(MIRA 18:3)

1. Institut khimii im. P.G. Melikishvili AN GruzSSR, Tbilisi.
Submitted June 15, 1964.

USSR / Farm Animals. Silkworm.

Q-6

Abs Jour: Ref Zhur-Biol., No 12, 1958, 54877.

Author : Chavchanidze, L. G.

Inst : Not given.

Title : A New Breed of the Mulberry-Feeding Silkworm
"Kartli".

Orig Pub: Byul. nauchno-tekhn. inform. Gruz. n.-i. in-ta
shelkovodstva, 1956, 1, 25-28.

Abstract: No abstract.

Card 1/1

L 00901-67 EWT(m)

ACC NR: AP6020994

SOURCE CODE: UR/0251/66/041/002/0301/0307

AUTHOR: Begiashvili, G. A.; Chavchanidze, O. N.

76
B

ORG: Institute of Cybernetics, Academy of Sciences Georgian SSR (Institut kibernetiki Akademii nauk Gruzinskoy SSR)

TITLE: Lifetime of excited states in gases

SOURCE: AN GruzSSR, Soobshcheniya, v. 41, no. 2, 1966, 301-307

TOPIC TAGS: excited state, photon, radiation physics, spectral line, Doppler effect,

^{gas}
ABSTRACT: The authors analyze the effect of local photon migration on radiation transfer in gases. An equation is given for nonstationary photon migration in a gas with atoms which have a single resonance level assuming that the diffusion of atoms is negligible in comparison with photon migration, that there are many more excited atoms than unexcited atoms and that the mean free time of the photon is short compared with the lifetime of the excited state. The study is limited to isotropic radiation, and it is shown that consideration to Doppler broadening alone gives strict proportionality in the infinite case between the intensity of the spectral line for the photons emitted from the elementary radiating volume $P(\nu)$ and the coefficient of absorption on the given frequency $K(\nu)$. Analysis of the results shows a lifetime 15-20% higher than that calculated by Holstein without regard to localized reabsorption. Accounting for

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L 00901-67

ACC NR: AP6020994

localized reabsorption of photons does not change the relationship between the effective lifetime of the excited state and pressure. Holstein's assumption of predominance of long-range photon migration is true in this sense. Orig. art. has: 21 formulas. 0

SUB CODE: 20/ SUBM DATE: 23Feb65/ ORIG REF: 001

2Wm

Card 2/2

CHAVCHANIDZE, T.M.

Results of the study of the maritime mealy bug *Pseudococcus*
maritimus Muhl., in Georgia [in Georgian with summary in Russian].
Trudy Inst. sashch.rast. AN Gruz SSR 9:57-114 '53. (MIRA 8:2)
(Georgia --Mealy bugs)

CHAVCHANIDZE, T.M.

527

Glavneyshiye Vrediteli Kormovykh trav i mery bor'by s
nimi. Tbilisi. Izd-vo Akad. nauk Gruz. SSR, 1954. 44s.
s ill. 19mm. (Akad. nauk. Gruz. SSR. Nauch. popul. seriya).
3,000 eks. 50k. - Na gruz. yaz. - /54-54467/
633.2/3: 632 + 632.6/7:633.2/37(47.922)

SO: Knizhnaya Letopis, Vol. 1, 1955

CHAVCHANIDZE, T.M.; OTKHEZURI, L.T.

Tomato russet mite (*Vasates lycopersici* (Massee) Lamb) and results of chemical tests for controlling it. Soob.AN Gruz.SSR 17 no.1: 53-59 '56. (MLRA 9:8)

1. Akademiya nauk Gruzinskoy SSR, Institut zashchity rasteniy, Tbilisi. Predstavleno chlenom-korrespondentom Akademii L.P. Kalandadze.

(Tomatoes--Diseases and pests)

CHAVCHANIDZE, Tamara Matveyevna

[Principal varieties of harmful mealy bugs in Georgia and modern means of controlling them] Glavneishie vrednye vidy muchnistykh chervetsov Gruzii i sovremennyye sery bor'by s nimi. Tbilisi, Akademiia nauk Gruzinskoi SSR, 1957. 62 p. (MIRA 11:4)
(Georgia--Mealy bugs)

CHAVCHANIDZE, T.M., kand.sel'skokhoz.nauk

A new vegetable pest in Georgia. Zashch. rast. ot vred. i bol.
5 no.9:56 S '60. (MIRA 15:6)

(Georgia—Mites)
(Vegetables—Diseases and pests)

CHAVCHANIDZE, V. I.

Country : USSR

Category : Farm Animals.
Poultry.

Q

Abs. Jour : Ref Zhur-Biol., No 21, 1958, 96912

Author : Pigarev, N. V.; Kostrova, L. A.; Chavchanidze, V. I.
Institut. : All-Union Scientific Research Institute of the
Title : Certain Characteristics of the Egg Laying Capacity of Hens Kept in Cages.

Orig Pub. : Tr. Vses. n.-i. in-ta ptitseprom-sti, 1956, 6, 97-107

Abstract : From the age of 5 1/2 to 18 months 86 laying hens which were kept in separate coops of 0.14 m² each were divided into 3 groups according to their egg productivity: up to 130 eggs, 131-190 eggs, and 191 and more eggs. A comparison of monthly egg productivity demonstrated that hens with a low yearly productivity laid 36 percent less eggs during the first 3 months than

Card: 1/5

*V. I.
**Fowl Industry.

5R

Country : USSR
Category : Farm Animals. Poultry. Q
Abs. Jour : Ref Zhur-Biol., No 21, 1958, 96912
Author :
Institut. :
Title :
Orig Pub. :
Abstract : highly productive hens, and 68 percent less during the last 3 months. The egg productivity of poorly laying hens decreased most sharply at about 11 months of age, of hens with an average output at about 14 months of age; well laying hens produced 15-17 eggs monthly until the end of the experiment. It is impossible to predict the egg productivity of hens for consecutive months on the basis of their individual egg productivity during the first few months. Only the egg productivity of 11.5-12.5
Card: 2/5

Country : USSR
Category : Farm Animals. Q
Poultry.
Abs. Jour : Ref Zhur-Biol., No 21, 1958, 96912
Author :
Institut. :
Title :
Orig Pub. :
Abstract : month old hens could serve as a criterium for their subsequent egg productivity. In another experiment, 30 young hens with good egg productivity were transferred at the age of 11.5 months from individual cages to group cages (with an area of 0.5 m² each) with 5-6 hens in each cage. The egg productivity dropped sharply and only at the end of the month gradually approached the level of the control group which has remained in individual cages. When in a third experiment 119 laying hens 12.5
Card: 3/5

Country	: USSR	
Category	: Farm Animals.	Q
	Poultry.	
Abs. Jour	: Ref Zhur-Biol., No 21, 1958, 96912	
Author	:	
Institut.	:	
Title	:	
Orig Pub.	:	
Abstract	: months old were transferred from group cages into individual cages, their egg productivity rose by 60 percent; these hens laid 15 percent more eggs during 40 days than 119 control hens which had remained in group cages and whose egg productivity was the same as that of the transferred hens before the transfer occurred. As the experimental hens were returned to group cages, a sharp decrease of their egg productivity resulted and remained on the level of about 30 percent for the following seven	
Card:	4/5	

Country : USSR
Category : Farm Animals. Q
Poultry.
Abs. Jour : Ref Zhur-Biol., No 21, 1958, 96912
Author :
Institut. :
Title :

Orig Pub. :

Abstract : 10-day periods.
Hens behave quietly in individual cages, they
eat calmly and rest after being fed; also, inci-
dences of various trama are excluded. — S. G.
Petrov

Card: 5/5

CHAVCHANIDZE, V. I.

Country : USSR
 Category : Farm Animals. Poultry. Q
 Abs. Jour : Ref Zhur-Biol., No 21, 1958, 96906
 Author : Pigarev, N. V.; Kostrova, L. A.; Chavchanidze,
 Institut. : All-Union Scientific Research Institute of the
 Title : The Characteristics of Feather Shedding in
 Laying Hens Kept in Cages.
 Orig Pub. : Tr. Vses. n.-i. in-ta ptitseprom-sti, 1956, 6,
 132-137
 Abstract : The experiment was conducted on Leghorn hens
 placed in individual cages under feeding and
 keeping conditions which assure high producti-
 vity indicators. The hens were exposed to
 light for not less than 14 hours per day. Lay-
 ing hens were examined every 10 days, the num-
 ber of replaced wing feathers was counted, and
 the shedding of the outer feather cover was
 observed. It was found that shedding of wing
 feathers is not indicative for the state of
 shedding of the outer feather cover. Wing fea-

Card: 1/3

*V. I.

Country : USSR
Category : Farm Animals. Poultry. Q
Abs. Jour : Ref Zhur-Biol., No 21, 1958, 96906
Author :
Institut. :
Title :

Orig Pub. :
Abstract : thers changed singly as well as several at a time. In some of the hens shedding of the outer feathers was not accompanied by changing of wing feathers. At the time when shedding of outer feathers took place, a sharp decrease in the egg laying capacity of the hens was observed to occur: as wing feathers and cover feathers were shed simultaneously, the average monthly egg production amounted to 11.2 eggs. As laying hens reach the age of 14-15 months,

Card: 2/3

Country : USSR
Category : Farm Animals. Q
Poultry.
Abs. Jour : Ref Zhur-Biol., No 21, 1958, 96906
Author :
Institut. :
Title :
Orig Pub. :
Abstract : the shedding of wing feathers should be taken
into account when appraising hens. — S. G.
Petrov

Card: 3/3

26968
S/019/61/000/012/100/121
A152/A128

9.7150

AUTHORS: Bukreyev, I.N., Chavchanidze, V.V., Manukyan, Yu.S., and Sergeyenko, N.D.

TITLE: A device for identifying numbers by their modules

PERIODICAL: Byulleten' izobreteniy, no. 12, 1961, 55

TEXT: Class 42m, 14. No. 139150 (660616/26 of March 29, 1960).
Dependent on Author's Certificate No. 124203. A device for identifying numbers by their modules, differing from the original model specified in the above-named Author's Certificate in that for increasing its operational speed and for obtaining module comparison results within one operation, it is provided with a module determination line consisting of a chain of series-connected coincidence circuits corresponding to a given digit, where one of each collecting circuit inputs is connected to the given digit coincidence circuit output, while the second is connected to the "01" summator circuit output; the first input of the coincidence circuit is connected to the collecting circuit output of the preceding digit, while the second input is

Card 1/2

A device for identifying numbers ...

²⁶⁹⁵⁸
S/019/61/000/012/100/121
A152/A128

connected to the collecting circuit output of the "00" or "11" summator.

Card 2/2

CHAVCHANIDZE, V. V.

L 10274-63
ACCESSION NR: AP3003277

BDS

S/0286/63/000/003/0054/0054

AUTHOR: Chkheidze, M. V.; Sergeyenko, N. D.; Chavchanidze, V. V.;
Shekriladze, V. I.

50

TITLE: Voltage-to-code converter.¹⁰ Class C 06f; 42 m, 14. no. 152976

SOURCE: Byul. izobreteniy i tovarnykh znakov, no. 3, 1963, 54

TOPIC TAGS: voltage-to-code converter, conversion accuracy improvement

ABSTRACT: The patent introduces a voltage-to-code converter (see Fig. 1 of Enclosure) which contains an electrodynamic or electromagnetic instrument using a light spot, a coded scale, and light-sensitive elements. For the purpose of improving conversion accuracy the elementary areas on the scale are equipped with flexible light guides for transmitting the light beam to the corresponding light-sensitive element. Orig. art. has: 1 figure.

ASSOCIATION: none

SUBMITTED: 27Apr62
SUBCODE: 00

DATE ACQ: 23Jul63
NO REF SOV: 000

ENCL: 01
OTHER: 000

Card 1/2

L 10274-63
ACCESSION NR: AP3003277

ENCLOSURE: 01

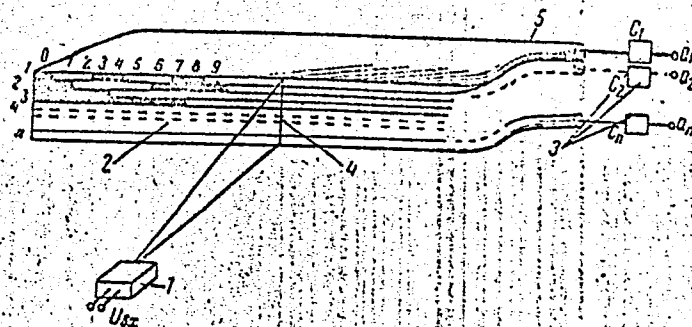


Fig. 1. Schematic of the converter

1 - measuring device; 2 - coding scale; 3 - light-sensitive element; 4 - light spot; 5 - flexible light guides.

Card 2/2

ACCESSION NR: AP4001596

S/0286/63/000/016/0076/0076

USSR

AUTHOR: Chkheidze, M. V.; Chavchanidze, V. V.; Machavariani, G. A.; Khvedelidze, A. F.; Manukyan, Yu. S.

TITLE: Adder. Class 42, no. 156769

SOURCE: Byul. izobret. i tovarn. znakov, no. 16, 1963, 76

TOPIC TAGS: adder, Gray code adder, summation device, logic circuit

ABSTRACT: An adder for addition and subtraction of numbers directly in the Gray code, containing initial number registers and a result register. The distinguishing feature is reduction of system units. Initial number registers are connected through "OR" circuits to the counter input of the result register and through analyzing circuits -- to even-number triggers. The trigger outputs are connected to a small sort logic correction circuit of even numbers during subtraction. The logic circuit contains a device for comparing numbers by a module of "two." The device is connected to "OR" circuits that carry units to the even-number flip-flop.

ASSOCIATION: none

SUBMITTED: 310662

DATE ACQ: 02Dec63

ENCL: 01

SUB CODE: CR, SD

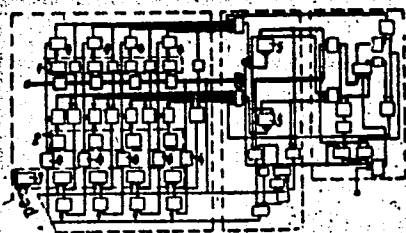
NO REF SOV: 000

OTHER: 000

Card 1/2

ACCESSION NR: AP4001596

ENCLOSURE: 01



1 and 2 - initial number registers; 3 - result register; 4 - analyzing circuit; 5 - even-number triggers

Card 2/2

L 24227-65

ACCESSION NR: AP5002454

S/0286/64/000/024/0054/0054

AUTHORS: Shekriladze, V. I.; Chavchanidze, V. V.; Dvali, R. R.; Chkheidze, M. V.; Margvelashvili, O. V.; Bakhtadze, Sh. N.; Kuramidze, G. V.; Machavariani, G. A. B

TITLE: Photooptical transducer for automatic driving of a caterpillar tractor.
Class 45, No. 167078

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 24, 1964, 54

TOPIC TAGS: automation, automatic, control R+D

ABSTRACT: This Author Certificate describes a photooptical transducer for automatic driving of a caterpillar tractor. The device consists of photoelements responsive to different object illumination. The transducer is equipped with an objective for the projection of a division limit, for example, of a plowed and unplowed field, on photosensitive elements. The photosensitive elements are linked in pairs and are compensated in such a manner that both photoelements of a pair (guiding and reference) are on a setting of equal illuminance when the tractor is correctly situated. The device is shown on Fig. 1 on the Enclosure. Orig. art. has: 1 figure.

Card 1/3

L 24227-65

ACCESSION NR: AP5002454

ASSOCIATION: none

SUBMITTED: 17Jun63

ENCL: 01

SUB CODE: GO

NO REF SOV: 000

OTHER: 000

Card 2/3

L 24227-65

ACCESSION NR: AP5002454

ENCLOSURE: 01

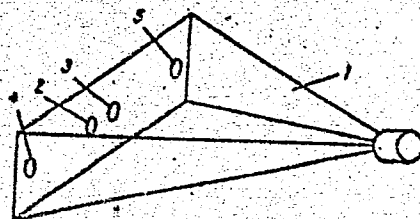


Fig. 1. 1- camera; 2 and 3- guiding photosensitive elements; 4 and 5- reference photosensitive elements.

Card 3/3

CHAVCHANIDZE, V. [V.]

177T71

USSR/Nuclear Physics - Beryllium Jan/Feb/Mar 51

"Theory of Beryllium Nucleus," V. Chavchanidze

"Uspekhi Fiz Nauk" Vol XLIII, No 1, pp 106-119

Considers Be_4^9 nucleus as consisting of 2 alpha-particles and addnl neutron and discusses mutual reaction between odd neutron and residual nucleus in photoelec and electron disintegration.

177T71

CHAVCHANIDZE, V. V.

PA 236T71

USSR/Nuclear Physics - Mass Determination Nov 52

"New Method for Determining Mass of Charged Particles by Means of Photoemulsion," V. V. Chavchanidze, Inst of Phys, Acad Sci Georgian SSR

"Zhur Eksper 1 Teoret Fiz" Vol 23, No 5, pp 502-511

Uses phenomenon of multiple scattering to study lateral deviations of track grains in photoemulsion relative to direction of specially drawn tangents to particle track. In plotting the calibration curve of mass and energy, account is taken of the effect of

236T71

Ionization losses on the distribution function of deviations upon depth of penetration in emulsion. Indebted to Profs V. I. Mamashilov and E. L. Andronikashvili. Received 18 Jul 52.

(PA 56 no. 668: 5531 53)

236T71

CHAVCHANIDZE, Vladimir Valerianovich

Stokhasticheskiye metody v primeneni k issledovaniyu mnogokratnogo
rasseyaniya i poter', 1952, 17, 108o. 1^o ris. (Inst. fiziki i geofiziki,
Akad Nauk Gruz. SSR) Zashch. 1953, 27.4.

Dissertation for Degree of Cand. Physico-Math. Sci.

Def. at
Tbilisi State U.

CHAVCHANIDZE, V. V.

"Losses in Multiple Charged Particle Scattering".
Tr. In-ta Fiziki AN Gruz SSR, 1, pp 151-157, 1953

Multiple charged particle scattering in matter is analyzed, taking into account ionization losses without limiting the particle energy. The energy loss with depth is assumed to be governed by the law: $-dE/dt = a_0 E^2 / (E^2 - \mu^2)$, where μ is the rest mass and a_0 is in logarithmic relation to energy. The solution of this equation yields the distribution function which integrated over angles and deviations expresses Gauss distribution in angles and deviations respectively. Expressions in mean square scattering angles and deviations evidence that these values are functions of velocities of the particle at the entering point of matter. (RZhFiz, No 10, 1955)

SO: Sum No 812, 6 Feb 1956

6838
ADDENDUM TO V. V. CHAVCHANIDZE'S PAPER "NEW
METHOD OF DETERMINING THE MASSES OF CHARGED
PARTICLES BY MEANS OF PHOTOGRAPHIC EMULSIONS."
V. V. Chavchanidze. *Zhur. Ekspil'*, 1 Teoret. Fiz. 24, No.
8, 1457 (1955) (Russian). (cf. NSA 8-895)

To obtain correct results in evaluating some track parameters, the track of the unknown mass should be divided into sections of length $l \sim (m/m_p)L$, where m is the mass of the unknown particle, m_p that of the calibration particle, and L the length of sections into which the calibration tracks have been divided. Mass m can be approximated by any of the known methods. (Science Abstracts) *RmZ*

CHAVCHANIDZE, V. V.

✓ Splitting a beryllium-9 nucleus with fast protons. V. I. Mamasakhlisov and V. V. Chavchanidze. *Trudy Inst. Fiz., Akad. Nauk Gruz. S.S.R.* 2, 3-8 (1954); *Referat. Zhur., Fiz.* 1955, No. 8099.—The cross section of the $\text{Be}^9(p,d)\text{Be}^8$ reaction for fast protons is calcd. by means of a model in which the Be^9 nucleus is made up of a nuclear Be^8 residue and an unpaired neutron. In view of the great energy of the impinging proton and the low energy of the unpaired neutron bond, the collision time of the proton with the nucleus will be considerably less than the period of the nucleus. Thus, the condition of the nuclear residue cannot be essentially changed by the impact of the proton with the unpaired neutron. The interaction of the unpaired neutron

with the nuclear residue takes place in the form of a rectangular potential well. It is understood that the unpaired neutron is in the p -state. With energy of the proton at 5 m.e.v., the cross section is 0.61×10^{-21} sq. cm. M. K.

3

① 1RM

AMZ

CHAVCHANIDZE, V. V.

"Stochastic Methods Applied to the Study of Multiple Scattering and Losses"
Tr. In-ta Fiziki AN Gruz SSR, 2, 1954, 119-180

A. A. Markov's method is applied to certain physical processes (S. Chandrasekhar, Stochastic Problems in Physics and Astronomy, [translation into Russian], Moscow, 1947). A differential section of multiple scattering was obtained coinciding with results by H. S. Snyder and W. T. Scott (Phys. Rev., 76, 220, 1949). The obtained distribution function of ionization losses at high energy concurred with results by L. D. Landua (J. Phys. USSR, 8, 201, 1944). (RZhFiz, No 9, 1955)

SO: Sum-No 787, 12 Jan 56

CHAVCHANIDZE, V. V.

FD-618

USSR/Physics - Markov's Method

Card 1/1 : Pub. 146-8/18

Author : Chavchanidze, V. V.

Title : The application of Markov's method to the problem of multiple losses

Periodical : Zhur. eksp. i teor. fiz. 26, 179-184, February 1954

Abstract : Shows that Markov's method (equivalent to the method of characteristic functions) makes it possible to reduce to two consecutive quadratures the problem of finding a distribution function of energy losses of a charged particle experiencing multiple collisions with the atoms of a substance. The physical clarity of Markov's method permits one to make the assertion that it has definite advantages over the well known method of setting up kinetic equations.

Institution : Physics Inst, Acad Sci Georgian SSR

Submitted : June 15, 1953

CHAVCHANIDZE, V. V.

USSR/Physics - Markov's Method

FD-619

Card 1/1 : Pub. 146-9/18

Author : Chavchanidze, V. V.

Title : ~~Markov's method and the problem of fluctuations of energy losses in repeated collisions~~
Markov's method and the problem of fluctuations of energy losses in repeated collisions

Periodical : Zhur. eksp. i teor. fiz. 26, 185-188, February 1954

Abstract : Markov's method is applied to the problem of the fluctuation of energy losses for the case in which the passage of a particle through a substance is accompanied by a small number of collisions. A method is developed for finding the distribution function of the losses for the case when the losses in separate actions are great.

Institution : Physics Institute, Acad Sci Georgian SSR

Submitted : June 15, 1953

CHACHANIDZE, V. V.

nd
PM

2864

CALCULATION OF THE ENERGY DISTRIBUTION
FUNCTION OF NEUTRONS BY MARKOV'S METHOD.

V. V. Chavchanidze and O. D. Chelivili (Tbilisi State

Univ.). Soviet Phys. JETP 1, 375-6(1955) Sept. (in

English). Zhur. Ekspit. i Teoret. Fiz. 28, 369-70(1955)

Mar. (in Russian)

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PMZ

4
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PM

CHAVCHANIDZE, V.V.

On equations for fermion-source meson fields. Soob.AN Gruz.SSR 16 no.3:
199-204 '55. (MLRA 9:7)

1.Akademiya nauk Gruzinskoy SSR, Institut fiziki, Tbilisi. Predstavleno
chlenom-korespondentom Akademii V.I.Mamasakhlisovym.
(Mesons) (Fields theory)

CHAVCHANIDZE, V.V.

System of equations for interacting boson-fermion fields.
Soob.AN Grus.SSR 16:431-435 '55. (MLRA 9:2)

1.Akademiya nauk Gruzinskey SSR, Institut fiziki, Tbilisi.
Predstavleno chlenom-korrespondentom Akademii V.I.Manasakh-
lisovym. (Field theory)

1 - RMZ
Application of the method of accidental coincidences
(Monte-Carlo method) to the calculation of an intranuclear
cascade: V. V. Chavchavilze. *Dokl. Akad. Sci. U.S.S.R.*,
Phys. Ser. 6, 669-8 (1955) (English translation). See
C.A. 50, 7817a. R. M. R.

RMZ